GEO M6

Shortform Datasheet

Powerful, flexible and compact, NEXO GEO M6 delivers uncompromised full-range sound in a wide variety of fixed installations and mobile applications.

The visual impact of GEO M6 is subtle, thanks to compact design, an elegant internal rigging system and custom colour options. Comprising two identically-sized cabinets – the GEO M620 main and GEO M6B bass extension – and complemented by a comprehensive range of mounting accessories, GEO M6 offers installation contractors and sound rental companies a dependable, TÜV-certified system with an important difference: legendary NEXO performance.

Systems can be flown, groundstacked or pole-mounted on subs. Cabinets, fabric grilles and accessories can be specified in any RAL colour.

The versatility of the GEO M6 system extends to a highly cost-effective amplification solution. A single NXAMP – the smallest of NEXO's powered TDControllers – can power up to 12x GEO M6 cabinets. And with 'channel-by-channel' preset selection for all NEXO cabinets and linear phase on all set-ups, it's easy to integrate subbass cabinets such as the NEXO LS600 into a single amplifier solution.

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The GEO M620 is a full-range unit for stand-alone, curved array or line array application. Extremely compact in size (191 x 373 x 260 mm), the M620 module punches well above its weight of less than 10 kgs. Using a NEXO-designed long-excursion high-efficiency 6.5" LF driver and a 1" throat driver on a BEA/FEA optimised HR Wavesource, the M620 delivers a frequency response of 80Hz-19kHz ±3dB, with nominal peak SPL of 127dB. HF dispersion is 80° or 120° horizontal, with 20° vertical coverage, 0° to 20° splay when arrayed. Using NEXO's HRW patented waveguide for optimum HF coupling between elements, the M620 performs in a variety of configurations, facilitated by a fully-integrated 3-point rigging system.

GEO M620 with NEXO TDController setup

Frequency Response	80Hz – 19kHz ±3dB
Usable Range @-6dB	75Hz – 20kHz
Sensitivity 1W @ 1m	95dB SPL Nominal
Nominal Peak SPL @ 1m	127dB
HF Dispersion	80° or 120° Horizontal (CCD)
Crossover Frequencies	LF-HF: 2kHz Passive
Nominal Impedance	8Ω
Recommended Amplifiers	450W per box (3 boxes max in parallel on one channel amplifier)

PRODUCT FEATURES

Components:	LF: 1 x 6.5" 8Ω long excursion driver HF: 1 x 1" throat driver on a BEA/FEA optimised HR Wavesource	
Height x Width x Depth	191mm x 373mm x 260mm	
Weight: Net	9.7kg	
Connectors	2 x NL4 Speakon 4 poles	
Construction	Lightweight Polyurethane composite	
Fittings:	Handles	Side Handles
	Front Finish	Acoustic Fabric fitted front grille

SYSTEM OPERATION

Electronic Controller	The NEXO TDController's presets are precisely matched to the GEO M6 Series cabinets and include sophisticated protection. Using GEO M6 Series cabinets without a properly connected NEXO TDController will result in poor sound quality and can damage components.
Speaker Cabling	2+/2-

LIMITED WARRANTY

NEXO loudspeakers and electronics are covered against defects in workmanship or materials for a period of two (2) years from the original date of purchase. At the option of NEXO the defective item will be repaired/replaced with no charge for materials/labour. The item is to be adequately packaged and dispatched, pre-paid, to a NEXO authorised distributor/service centre. Unauthorised repair shall void the warranty. The NEXO warranty does not cover cosmetics or finish and does not apply to any items which in NEXO's opinion have failed due to used abuse, accidents, modifications or any type of misuse. All images and text herein are the property of NEXO SA, and deemed accurate, although specifications are subject to change without notice.